

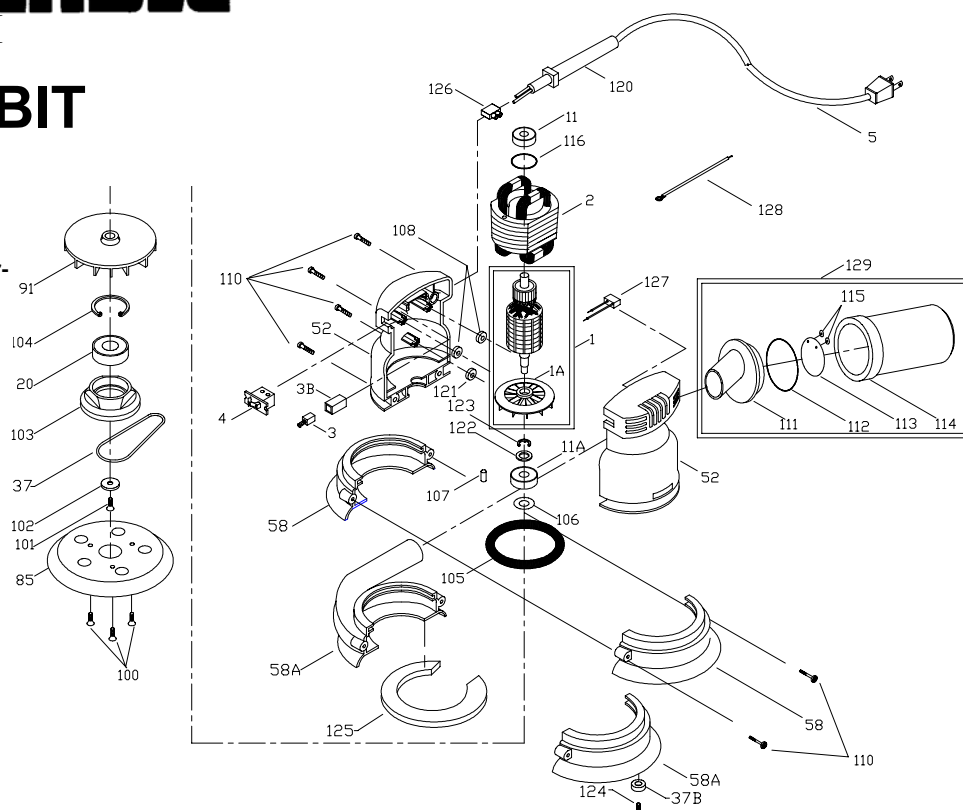
PORTER-CABLE

Quicksand™

RANDOM ORBIT SANDERS

332
333
334

WARNING: Electrical repairs should only be attempted by trained repairmen. Contact the nearest Porter-Cable Service Center or other competent repair center.



| Ref. No. | Part No. | Description |
|----------|----------|---|
| 1 | 889734** | ARMATURE, 120V, 332T3, 333 & 334 T4 & T5, INCL: REF. 91 |
| | 879251** | ARMATURE, 120V, 333 T2 AFTER S/N 088179, 334 T2, INCL.: REF. 91 |
| | 879246 | ARMATURE, 120V T1, 333 T2 BEFORE S/N 088180, INCL: REF. 91 |
| | 885584 | ARMATURE, 220V, 230V |
| 1A | 699173 | ARMATURE FAN |
| 2 | 913322 | FIELD - 120V, 332 T3 |
| | 913324 | FIELD - 120V, 333 & 334 T5 |
| | 904370 | FIELD - 120V, ALL T4 |
| | 876696 | FIELD - 120V, T1, T2 |
| | 885585 | FIELD - 230V |
| | 890609 | FIELD - 220V |
| 3 | 876345 | BRUSH |
| 3B | 852874 | BRUSH HOLDER |
| 4 | 911377 | SWITCH - 120V, 332 T3, 333 & 334 T5 |
| | 875276 | SWITCH - 120V, 332 T1 & T2, 333 T1 THRU T4, 334 T1 THRU T4 |
| | 884759 | SWITCH -, 220V, 230V |
| 5 | 872258 | CORD, 120V |
| | 885075 | CORD, 220V, 230V |
| 11 | 855284 | BEARING |
| 11A | 855218 | BEARING |
| 20 | 855214 | BEARING |
| 37 | 878198 | BELT |
| 37B | 878884** | PULLEY, ALL EXCEPT T1 |
| 52 | 912010 | HOUSING SET, 332 T3, 333 T5, 334 T5 |
| | 900735 | HOUSING SET 332, 334, 220V, 11581 - 230V |
| 58 | 912012 | COVER SET, 332 T3 |
| | 900741 | COVER SET, 332 T1 & T2 |
| 58A | 912013 | VACUUM COVER SET, 333 & 334 T5 |
| | 900744 | VACUUM COVER SET, 333 & 334 T1 THRU T4 |
| 85 | 13902 | PSA PAD, 332 T2 & T3 WITHOUT HOLES |
| | 13900 | PSA PAD, 120V 332 T1, 220V 332 T2 WITHOUT HOLES |
| | 13904 | HOOK & LOOP PAD, 333 120V WITH 5 HOLES |
| | 13908 | HOOK & LOOP PAD, 333, 230V WITH 8 HOLES |
| | 13901 | PSA PAD, 334 WITH HOLES |

| Ref. No. | Part No. | Description |
|----------|-----------|---|
| 91 | 879253** | COUNTERWEIGHT/FAN, 332 T2 & T3, 333 T2 AFTER S/N 088179 T4 & T5, 334 T2 THRU T5 |
| | 879249 | COUNTERWEIGHT/FAN & COUPLE KIT, ALL T1, 333 T2 BEFORE S/N 088180 |
| 100 | 882187** | SCREW |
| 101 | 877532 | SCREW |
| 102 | 875509 | WASHER |
| 103 | 878204 | PAD SUPPORT |
| 104 | 802426 | SNAP RING |
| 105 | 875887 | O-RING, 332 T1 & T2, 333 T1 THRU T4 334 T1 THRU T4 |
| 106 | 866817 | WASHER |
| 107 | 876600 | RUBBER PLUG |
| 108 | 875664 | FOAM WASHER |
| 110 | 879678 | SCREW |
| 111 | 899409 | ADAPTER, 333, 334 |
| 112 | 897558 | O-RING, 333, 334 |
| 113 | 875522** | CHECK VALVE - EARLY UNITS ONLY, 333, 334 |
| 114 | 875403 | DUST CONTAINER, 333, 334 |
| 115 | 875521 ** | NUT - CANNOT FURNISH, EARLY 333 & 334 ONLY |
| 116 | 839766 | O-RING |
| 120 | 810716 | STRAIN RELIEF |
| 121 | 876960 | FOAM WASHER |
| 122 | 876598 | SPACER |
| 123 | 823738 | SNAP RING |
| 124 | 878197 | L. H. THREAD SCREW |
| 125 | 878195 | FOAM BAFFLE, 333 & 334 T2 THRU T5 |
| 126 | 890248 | TERMINAL BLOCK, 230V ONLY |
| 127 | 884756 | CAPACITOR, 230V ONLY |
| 128 | 875334 | BRUSH LEAD WITH TERMINAL |
| 129 | 899536 | DUST COLLECTOR ASSY., 333, 334 INCL.: REF. 111, 112, 113, 114 |
| 135 | A04323 | CARRYING CASE, 333 & 334 |
| | 47341 | CARRYING CASE, 332 |
| * | 879255 | CONVERSION KIT, 332 TYPE 1 TO TYPE 2 |

* NOT SHOWN
** SEE SERVICE NOTES
NOTE: NO TYPE 3'S WERE BUILT.

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SERVICE NOTES

PAD SCREWS (Ref. 100):

Torque pad screws 25 to 30 inch pounds.

NUT (Ref. 115):

Early 333 and 334 dust collectors used two nuts to secure the check valve (Ref. 113), to the adapter (Ref. 111).

On later units, the ends of the two check valve mounting pins (in the adapter), are deformed to retain the valve. This configuration allows more efficient dust pick-up.

ARMATURE, COUNTERWEIGHT/FAN - TYPES 2, 4, & 5 (Ref s. 1 & 91):

The armature assembly **must** be correctly aligned with the counterweight/fan during installation. The heaviest section of the counterweight/fan (A) Fig.1, must be oriented 180° away from the balancing weight (B) Fig. 1, on the armature

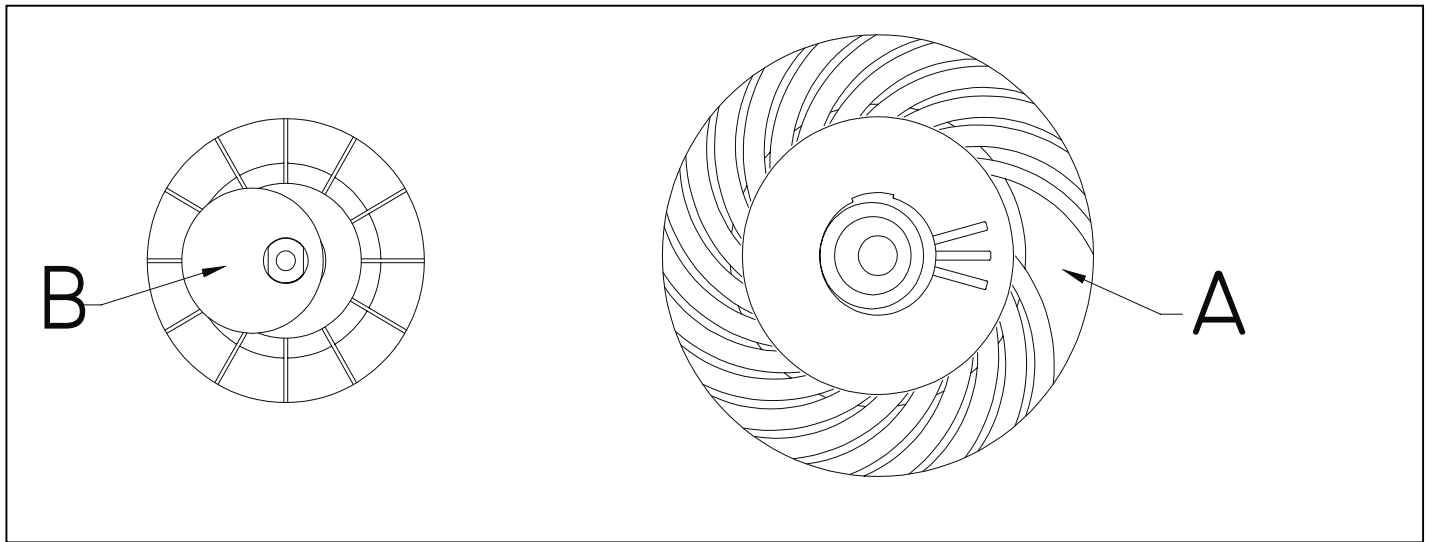


FIG. 1

PULLEY (Ref. 37B):

Type 1 units did not have this pulley. Type 2 units have a "fixed" pulley that does not rotate.

Type 1 Model 332's can be converted to the Type 2 pad rotation control by installing Conversion Kit 879255. Conversion Kit 879257 for Model 333's is no longer available.

CHECK VALVE (333 & 334) - REF. 113

A limited number of units were produced without Check Valve 875522, Ref. 113 during late 2001 and early 2002. It was thought that dust pick-up was improved without the Check Valve but field feed-back indicated that users objected to dust coming out of the Dust Collector when the tool was not in use. The Check Valve has been added back to the Models 333 and 334. When servicing tools that do not have the Check Valve it is recommended a Check Valve be installed.